Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 11 Dec 2023 until 23:59 on Tuesday 12 Dec 2023

Forecast Issued on Sunday 10 Dec 2023 at 12:41

Confidence: High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

Headline for Monday 11 Dec 2023: Brighter spells and occasional showers by day with easing winds.

Mountain weather hazards on Monday 11 Dec 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain showers (night)	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
80%	50%	30%	30%	40%	20%	10%	20%

Forecast for Monday 11 Dec 2023

Weather: Rain during the early hours, heavy at times, passing to clear spells and showers before dawn. Occasional showers mixed with some brighter spells by day with outbreaks most frequent around mid-day. Cloud building from early evening with a band of occasionally heavy rain reaching from the west late evening.

Chance of cloud-free hill tops above 600m: By day 70%

Low cloud and visibility: Generally good, becoming moderate or poor in rain or showers, very poor within cloud with bases lowering 600m at times, particularly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 11 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/34 W	22/31 W	20/27 W	16/21 W	14/20 W	12/17 W	8/11 SW	10/14 SE	16/24 SE
300	22/34 W	19/29 W	17/25 W	11/17 W	10/15 W	8/13 W	5/8 SW	7/11 SE	13/21 SE
Valley	15/30 W	12/24 W	10/21 W	6/15 W	6/13 W	5/11 W	3/7 S	6/12 E	9/20 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-2	4/-2	3/-2	4/-1	4/-0	3/0	3/0	4/-1
300	7/2	6/2	6/2	5/2	6/3	6/4	5/4	5/3	5/2
Valley	7/4	7/3	6/3	6/3	7/5	6/5	6/4	5/3	6/3
Freezing Level*	1500m	1300m	1200m	1200m	1200m	1200m	1100m	1400m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill confined to higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 10 Dec 2023	20.4mm	38.8mm	50.6mm

Forecast for Tuesday 12 Dec 2023

Weather: Mainly cloudy with showers or longer periods of rain, turning heavy at times.

Maximum wind: Southeast 15-20mph at dawn, easing slowly through the day

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Becoming moderate or poor in rain, very poor in snow and within cloud with bases quite frequently down to 600m.

Temperature: **Valleys:** Zero Celsius increasing 8 Celsius for the afternoon
At 600m: Plus 3 Celsius
Freezing level: Above summits

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